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1. In a certificate issuing system comprising:
a print terminal having print means for
printing certificate data on a print form, microchip
reading means for reading microchip ID in a microchip
attached to said print form, input means for inputting
personal certification ID, and print terminal communi-
cation means; and

a certificate issuer system having certifi-
cate issuer communication means for performing
communication with said print terminal, certificate
storage means for storing said certificate data, and
issue management storage means for storing certificate
issue management data,

a certificate issuing method comprising the
steps of:

reading said personal certification ID and
said microchip ID to said certificate issuer system
from said print terminal through said print terminal
communication means,

reading said certificate data in association
with said personal certification ID from said certifi-
cate storage means of said certificate issuer system.

storing said microchip ID and said certifi-
cate data to be issued in association with said issue
management storage means of said certificate issuer
system after said microchip ID is received at said
certificate issuer system through said certificate

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issuer communication means,

sending said read certificate data through said certificate issuer communication means to said print terminal, and

printing said certificate data on said print form having said microchip attached thereto, after said certificate data is received at said print terminal through said print terminal communication means, said microchip having said read microchip ID.

2. In a certificate verifying system comprising a verification terminal having microchip reading means for reading microchip ID of a microchip attached to a print form on which certificate data is printed, display means for displaying received data, and verification terminal communication means; and a certificate issuer system having certificate issuer communication means for performing communication with said verification terminal, certificate storage means for storing said certificate data and issue management storage means for storing certificate issue management data,

a certificate verifying method comprising the steps of:

sending said microchip ID to said certificate issuer system from said verification terminal through said verification terminal communication means, after said microchip ID is read by said microchip reading means of said verification terminal,

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reading said certificate data in association with said received microchip ID at said certificate issuer system with reference to said issue management storage means and said certificate storage means, and sending said certificate data to said verification terminal through said certificate issuer communication means, and

displaying said certificate data on said display means, after said certificate data is received through said verification terminal communication means.

3. A certificate verifying method according to claim 1.

wherein said certificate issuer communication means is capable of performing communication with a verification terminal having microchip reading means for reading microchip ID of a microchip attached to a print form on which certificate data is printed, display means for displaying received data, and verification terminal communication means; and

wherein said certificate verifying method
comprising the steps of:

sending said microchip ID to said verification
inner system from said verification terminal through
said verification terminal communication means, after
said microchip ID is read by said microchip reading
means of said verification terminal;

reading said certificate data in association
with said received membership ID at said certificate

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issuer system with reference to said issue management storage means and said certificate storage means, and sending said certificate data to said verification terminal through said certificate issuer communication means; and

displaying said certificate data on said display means of said verification terminal, after said certificate data is received through said verification terminal communication means.

4. In a certificate issuer system comprising:
certificate issuer communication means for performing communication with a print terminal;

certificate storage means for storing certificate data; and

issue management storage means for storing certificate issue management data,

said certificate issuer system being capable of performing communication with said print terminal having print means for printing said certificate data on a print form, microchip reading means for reading microchip ID in a microchip attached to said print form, input means for inputting personal certification ID, and print terminal communication means,

a certificate issuing method comprising the steps of:

receiving said personal certification ID and said microchip ID through said certificate issuer communication means, after said personal certification

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ID and said microchip ID are sent from said print terminal;

reading said certificate data in association with said personal certification ID from said certificate storage means;

storing said received microchip ID and said certificate data to be issued in association with said issue management storage means; and

sending said certificate data in association with said certificate ID, as data to be printed on said print form having said microchip attached thereto, to said print terminal through said certificate issuer communication means.

5. A certificate issuing method according to Claim 4,

wherein said certificate issuer communication means is capable of performing communication with a verification terminal having microchip reading means for reading microchip ID in a microchip attached to a print form on which certificate data is printed, display means for displaying received data, and verification terminal communication means; and

wherein said certificate issuing method further comprising the steps of:

receiving said microchip ID through said certificate issuer communication means, after said microchip ID is sent from said verification terminal; reading said certificate data in association

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with said microchip ID received from said issue management storage means and said certificate storage means; and

sending said read certificate data to said verification terminal through said certificate issuer communication means so that said certificate data is displayed on said display means of said verification terminal.

6. A certificate issuing method according to Claim 4, wherein a personal identification number, as well as said personal certification ID and said microchip ID, is sent from said print terminal.

7. A certificate issuing method according to Claim 4, wherein, when said print terminal is to print out said received certificate data, said print terminal reads said microchip ID again, verifies whether said microchip ID read again is identical with said microchip ID sent already to said certificate issuer or not, and prints said certificate data on said print form after said verification is made.

8. A certificate issuing method according to Claim 4, wherein said personal certification ID is ID which is issued when an applicant for applying for a certificate registers said certificate data in said certificate issuer and which is stored in association with said certificate data.

9. A certificate issuing method according to Claim 4, wherein said certificate issuer system further

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comprises a fee charging means, said fee charging means charging a fee when said certificate data is issued.

10. A certificate issuing method according to claim 5, further comprising the steps of:

- sending a mail address, as well as said personal certification ID and said microchip ID, from said print terminal;

- storing said sent mail address in said issue management storage means; and

- sending a notification that there is a verification request to said mail address stored in said issue management storage means, when said request for verification is made from said verification terminal.

11. A certificate issuing method according to claim 5, wherein, when a request for applying for one kind of certificate, as well as said personal certification ID and said microchip ID, is sent from said print terminal, said certificate issuer system sends certificate data corresponding to said sent request.

12. In a certificate issuer system comprising:
certificate issuer communication means for performing communication with a verification terminal;
certificate storage means for storing certificate data; and

- issue management storage means for storing certificate issue management data, said certificate

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issuer system being capable of performing communication with said verification terminal having microchip reading means for reading microchip ID in a microchip attached to a print form on which said certificate data is printed, display means for displaying received data, and verification terminal communication means;

a certificate verifying method comprising the steps of:

receiving said microchip ID through said certificate issuer communication means, after said microchip ID is sent from said verification terminal;

reading said certificate data in association with said received microchip ID with reference to said issue management storage means and said certificate storage means; and

sending said read certificate data to said verification terminal through said certificate issuer communication means so that said certificate data is display on said display means of said verification terminal.

13. A certificate verifying method according to Claim 12, further comprising the steps of:

storing a mail address together with said certificate data in said certificate storage means; and sending a notification that there is a verification request to said stored mail address, when said request for verification is made from said verification terminal.

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14. A certificate issuing system comprising:
certificate issuer communication means
performing communication with a print terminal having
print means for printing certificate data on a print
form, microchip reading means for reading microchip ID
in a microchip attached to said print form, input means
for inputting personal certification ID, and print
terminal communication means;
certificate storage means for storing said
certificate data;
issue management storage means for storing
certificate issue management data; and
control means for controlling said certifi-
cate issuer communication means, said certificate
storage means and said issue management storage means,
wherein, when said personal certification ID
and said microchip ID sent from said print terminal are
received through said certificate issuer communication
means,
said control means performs control so as to
read said certificate data in association with said
personal certification ID from said certificate storage
means, so as to store said received microchip ID and
said certificate data to be issued in association with
said issue management storage means, and so as to send
said certificate data in association with said personal
certification ID, as data to be printed on said print
form having said microchip attached thereto, to said

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print terminal through said certificate issuer communication means.

15. A certificate issuing system according to Claim 14, wherein said certificate issuer communication means is capable of performing communication with a verification terminal having microchip reading means for reading microchip ID of a microchip attached to a print form on which certificate data is printed, display means for displaying received data, and verification terminal communication means, and

wherein, when said microchip ID sent from said verification terminal is received through said certificate issuer communication means,

said control means performs control so as to read said certificate data in association with said received microchip ID from said issue management storage means and said certificate storage means, and controls said certification issuer communication means to send said read certificate data to said verification terminal so that said certificate data is displayed on said display means of said verification terminal.

16. A certificate verifier system comprising:

certificate verifier communication means performing communication with a verification terminal having microchip reading means for reading microchip ID in a microchip attached to a print form on which certificate data is printed, display means for displaying received data, and verification terminal communica-

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tion means;

certificate storage means for storing said certificate data;

issue management storage means for storing certificate issue management data; and

control means for controlling said certificate verifier communication means, said certificate storage means and said issue management storage means,

wherein, when said microchip ID sent from said verification terminal is received through said certificate verifier communication means,

said control means performs control so as to read said certificate data in association with said received microchip ID from said issue management storage means and said certificate storage means, and controls said certificate verifier communication means to send said read certificate data to said verification terminal so that said certificate data is displayed on said display means of said verification terminal.

17. A certificate issuing machine comprising:

a database for storing personal ID and identity papers, which are provided by an applicant, in association with personal data of said applicant;

a communication interface for receiving a request made by said applicant for applying for a certificate to which a personal identification number is attached, and for receiving data in association with microchip ID attached to said certificate made by said

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request for applying for said certificate; and

a controller connected to said database and said communication interface so as to perform control such that said personal data in said database in association with said personal identification number and said identity papers is sent to said applicant for issuing said certificate through said communication interface in a form of said requested certificate.

18. A certificate issuing machine according to Claim 17, further comprising a charging unit for storing a fee in accordance with transmission of said personal data of said database in said certificate form correspondingly to said personal data of said applicant in said database, in conformity with a condition of said certificate issuing request.

19. A certificate issuing machine according to Claim 18, wherein data for requesting said corresponding fee stored in said database is sent to said communication interface in association with a verification request for verifying said issued personal data of said applicant.

ADD CLAIMS 20-56

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20. A method for managing the printing of data in a data manager which communicates with a printer terminal, the printer terminal being capable of reading a microchip (ID) of a microchip in a paper and printing data to the paper, comprising the steps of:

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receiving the microchip ID sent from the printer; and
associating the received microchip ID with the data to be printed.

21. A method as in claim 20 further comprising:
sending the data for printing to the printer terminal.

22. A method as in claim 20 wherein the associating step includes:
storing the microchip ID and at least some of the data to be printed in a database
of the data manager.

23. A method as in claim 20 wherein the associating step further includes:
storing the microchip ID and information associating the microchip ID and at
least some of the data for printing in a database of the data manager.

24. A method as in claim 23 wherein the information associating the
microchip ID and at least some of the data for printing comprises a personal certification
ID.

25. A method as in claim 24 further comprising the steps of:
receiving the personal certification ID as sent from the printer; and
retrieving data for printing based on the personal certification ID.

26. A method as in claim 20 wherein the data for printing are stored in an
external printing database.

27. A method as in claim 21 further comprising the step of charging a fee
before sending the data for printing to the printer terminal.

28. A method as in claim 22 further comprising the step of storing a valid term
for the data for printing within the microchip ID.

29. A data manager which communicates with a printer terminal, the printer terminal being capable of reading a microchip ID of a microchip in a paper and printing data to the paper, the data manager comprising:

a communication interface which receives the microchip ID from the printer terminal; and

a database which stores the microchip ID associating with at least some of the data for printing.

30. A data manager as in claim 29 wherein the communication interface controls sending the data associated with the microchip ID in the database to the printer terminal for printing.

31. A data manager as in claim 29 wherein the database stores the microchip ID and the at least some of data for printing.

32. A data manager as in claim 29 wherein the database stores the microchip ID and information associating the microchip ID with at least some of the data for printing.

33. A data manager as in claim 32 wherein the information associating the microchip ID and at least some of the data for printing is a personal certification ID.

34. A data manager as in claim 33 further comprising:

a controller which controls the communication interface and the database;

wherein the database stores the personal certification ID and certificate data for printing; the communication interface receives the personal certification ID and the microchip ID, and the controller retrieves the certificate data for printing based on the personal certification ID.

35. A data manager as in claim 30 further comprising charging means for charging a fee before sending the data for printing to the printer terminal.

36. A data manager as in claim 31 wherein the database stores a term for validity of printing the data associated with the microchip ID.

37. A method of printing in a printer terminal which communicates with a data manager comprising:

- reading a microchip ID of a microchip attached to a paper;
- sending the microchip ID to the data manager;
- receiving data for printing sent from the data manager;
- printing the data for printing onto the paper having the microchip, wherein at least some of the data for printing are associated with the microchip ID in the data manager.

38. A method as in claim 37 further comprising:

- reading the microchip ID again;
- before printing verifying whether the microchip ID read again is identical with the microchip ID sent to the data manager.

39. A method as in claim 37 further comprising sending a request for applying one type of printing data with the microchip ID to the data manager.

40. A method as in claim 37 further comprising sending a personal certificate ID and a personal identification number with the microchip ID to the data manager.

41. A program product stored on a printer terminal readable medium for controlling a printer terminal having a reader, a communication circuit, a controller and a printer, the program product comprising:

- code for a read procedure that makes the reader read a microchip ID of a microchip attached to a paper;
- code for a send procedure that makes the communication circuit send the microchip ID to the data manager;

code for a receive procedure that makes the communication circuit receive data for printing sent from the data manager;

code for a print procedure that makes the printer print the data for printing onto the paper having the microchip, wherein at least some of the printing data are associated with the microchip ID in the data manager.

42. A program product according to claim 41, further comprising:
code for a read procedure that makes the reader read the microchip ID again; and,
code for a verify procedure that makes the controller verify before printing whether the microchip ID read again is identical with the microchip ID sent to the data manager.

43. A program product according to claim 41 wherein, the code for the send procedure causes the communication circuit send a request for applying one kind of printing data with the microchip ID to the data manager.

44. A program product according to claim 41, wherein the code for the send procedure causes the communication circuit to send a personal certificate ID and a personal identification number with the microchip ID to the data manager.

45. A printer terminal, comprising:
a reader which reads a microchip ID of a microchip in a paper;
a communication circuit which sends the microchip ID read by the reader to a data manager, and which also receives data for printing sent from the data manager; and
a printer which prints the data for printing to the paper, wherein at least some of the data for printing are associated with the microchip ID in the data manager.

46. A printer terminal according to claim 45, further comprising a controller which controls the reader to read the microchip ID again before printing data to the paper, and verifies whether the microchip ID read again is identical with the microchip ID sent

to the data manager, and then controls the printer to cause it to print the printing data to the paper.

47. A printer terminal according to claim 45 further comprising an input device which inputs a request for applying one type of the printing data, wherein the communication circuit sends the request with the microchip ID to the data manager.

48. A printer terminal according to claim 45 further comprising an input device which inputs a personal certificate ID and a personal identification number; wherein the communication circuit sends the personal certificate ID and the personal identification number with the microchip ID to the data manager.

49. A method of verifying data printed on a paper having a microchip ID, the paper printed by method according to claim 37, in a data manager which enables to communicate with a verifying terminal which reads microchip ID of a microchip in a paper, comprising the steps of:

receiving the microchip ID sent from the verifying terminal; and
retrieving the microchip ID from a database.

50. A method as in claim 37, further comprising the step of sending the data associated with the microchip ID to the verifying terminal.

51. A verifying data manager for data printed on a paper having a microchip ID, the paper printed by method according to claim 37, the data manager comprising:
a communication interface which receives the microchip ID sent from a verifying terminal which reads the microchip ID of the microchip in a paper;
a database which stores the microchip ID and associated data for printing; and
a controller which retrieves the microchip ID from the database.

52. A verifying data manager according to claim 51 wherein the communication interface sends the data associated with the microchip ID to the verifying terminal.

53. A method of verifying data printed on a paper having a microchip ID, the paper printed by method according to claim 37, in a verifying terminal which communicates with a verifying data manager, the method comprising the steps of:
reading the microchip ID of the microchip from the paper; and
sending the microchip ID to the verifying data manager.

54. A verifying method according to claim 53 further comprising the steps of:
receiving the data associated with the microchip ID at the verifying terminal; and
displaying the received data associated with the microchip ID.

55. A verifying terminal for data printed on paper having a microchip ID, the paper printed by method according to claim 37 comprising:
a reader which reads the microchip ID of the microchip in the paper; and
a communication interface which sends the microchip ID to a verifying manager.

56. A verifying terminal according to claim 55 wherein the communication interface receives the data associated with the microchip ID from the verifying manager, and displays the received data for verification.

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